

What is claimed is :

1. An additive for feed to fish and shellfish comprising oil globules each having a diameter of less than 10 μ m wherein the oil globule is made of edible oil and embeds a substance activating biological functions in the living organism of the fish and shellfish.
2. The additive according to claim 1, wherein the substance activating the biological function is at least one selected from the group consisting of inactivated pathogenic virus or bacteria for fish or shellfish, powder of pulverized endoparasite parasitic on fish or shellfish and immunopotentiating agent for fish or shellfish.
3. The additive according to claim 1, further comprising water, whereby the additive is in the state of an oil- in-water emulsion.
4. Feed for fish and shellfish, comprising the additive of claim 1.
5. A method for producing an additive for feed for fish and shellfish, comprising the steps of:

pretreating for preparing powder, an aqueous solution or suspension of a biologically active substance by using, as a material, the biologically active substance effective for activating the biological functions of fish and shellfish;

preparing an intermediate mixture solution in which the biologically active substance is dispersed in oil by mixing any one of the powder, aqueous solution and suspension with edible oil supplemented with a lipophilic emulsifier; and

forming oil globules by separating the oil contained in the intermediate mixture solution into myriads of oil microglobules.

6. The method according to claim 5, wherein the biologically active substance is in the state of an aqueous solution or suspension in the pretreatment step, wherein the stirring is performed using a homo-mixer in the step of preparing the intermediate mixture solution, wherein the step of forming oil globules is performed by adding a hydrophilic emulsifier and stirring by ultrasonic vibrations, and wherein the product is in the form of a suspension of oil globules.

7. A method for producing an additive for feed for fish and shellfish, comprising the steps of:

pretreating for preparing powder, an aqueous solution or suspension of a biologically active substance by using, as a material, the biologically active substance effective for activating the biological functions of fish and shellfish;

preparing an intermediate mixture solution in which the biologically active substance is dispersed in oil by mixing any one of the powder, aqueous solution and suspension with edible oil supplemented with a lipophilic emulsifier; and

adding by separating the oil contained in the intermediate mixture solution into myriads of oil microglobules and incorporating the oil microglobules into a base material for feed for fish or shellfish.

8. The method according to claim 7, wherein the intermediate mixture solution is atomized into oil microglobules with a spraying device and the microglobules are sprayed on the surface of the base material in the step of adding, if the base material for feed is in the form of pellet, and wherein the intermediate mixture solution is atomized into oil microglobules with a spraying device and the microglobules are kneaded into the base material in the

step of adding, if the base material for feed is in the form of paste.

9. The method according to claim 7, wherein the biologically active substance is in the state of an aqueous solution or suspension in the pretreatment step and the base material for feed is in the form of paste, and wherein the intermediate mixture solution is kneaded into the base material for feed in the step of adding.